

BOQ FOR ELECTRICAL WORK OF CANARA BANK SHEOGANJ BRANCH.

a)	Rates to include all scaffolding, carriage of materials to and from the site in lead of beyond 5 kms, and working in a running branch premises.				
b)	Wire Routing provided through the walls / floor / roof etc., rates to include cutting of wall and refinishing the same finely complete.				
c)	Points include complete length of wiring, conduiting and accessories upto designated places as per the design and drawings.				
d)	Electrical contractor shall have to make the layout for cutting of lights etc. at site.				
e)	All newly done electrical wiring/ DB/points/ earthing etc. will be used as per instructions of architect/ engineer.				
S.N O	ITEM	QTY.	UNIT	RATE	AMOUNT
A	Light, Power and UPS point.				
A1	Wiring for the following light points with 2X 1.5sq.mm + 1X 1.00 sq.mm. PVC insulated stranded copper conductor wires in concealed PVC conduits in false ceiling / walls as directed including providing 6amps modular switches, 5sided G.I. boxes, modular plates for housing switches and earthing complete as required.circuit wiring will be with 2x 2.5 sq. m + 1 x 1.5 sq.m.m. PVC insulated stranded copper conductor wires in concealed PVC conduits in false ceiling / walls as directed.				
	a. One point controlled by one 6 amp switch	11	no.		
	b. Two point controlled by one 6 amp switch	13	no.		
A2	Wiring for wall fan points with 2X 1.5sq.mm + 1X 1.00 sq.mm. PVC insulated stranded copper conductor wires in concealed PVC conduits in false ceiling / walls as directed including providing 6A 5Pin socket near the wall fan 5 sided G.I. boxes for housing 6A switch and earthing complete as required.circuit wiring will be with 2x 2.5 sq. m + 1 x 1.5 sq.m.m. PVC insulated stranded copper conductor wires in concealed PVC conduits in false ceiling / walls as directed.	8	no.		
A3	Wiring for 6 amps light plug outlets with 2X 1.5sq.mm + 1X 1.00 sq.mm. PVC insulated copper conductor wires in PVC conduits in false ceiling / wall / floor as directed including providing 6 amp modular 5 pin socket and 6 amps switch with cover plate, 5 sided G.I. boxes for housing switches, sockets and earthing complete as required.circuit wiring will be with 2x 2.5 sq. m + 1 x 1.5 sq.m.m. PVC insulated stranded copper conductor wires in concealed PVC conduits in false ceiling / walls as directed	6	no.		
A4	Wiring for 2X 2.5sq.mm + 1X 1.50 sq.mm. PVC insulated copper conductor wires in PVC conduits in false ceiling / wall / floor as directed including providing and fixing in position 6 amp 5 pin socket outlet (3Nos) and 1 No.5 amp switch in box covered with white polycarbonate modular cover plate and earthing complete as required.	10	no.		

A5	Wiring for 16 amps power outlets points with 2X 4.0 sq.mm + 1X 2.50 sq.mm. PVC insulated stranded copper conductor wires in concealed / recessed PVC as directed including providing 16 amp modular switch and 6 pin socket with cover plate, 5 sided G.I. outlet boxes for switches and socket and earthing the third pin with 2.5 sq.mm PVC stranded copper wire complete as required (only one outlet shall be connected on each circuit).	5	no.		
A6	Wiring for A.C. POINTS outlets points with 2X4 sq.mm+1x2.5 SQ.MM. PVC insulated stranded copper conductor wires in concealed / recessed PVC as directed including of 20A Industrial socket, 12 20A pin top & 20A SP MCB with box & box shall be concealed in wall made of reputed make of MCB as per specification.	6	no.		
A7	Wiring for GLOW SIGN POINTS outlets points with 2X2.5 sq.mm+1x1.00 SQ.MM. PVC insulated stranded copper conductor wires in concealed / recessed PVC as directed including of 20A SPN MCB with box & box shall be concealed in wall made of reputed make of MCB as per specification.	1	no.		
B	Telephone/Computer conducting and wiring				
B1	Supplying and drawing the following type of cables for telephone system in pvc conduit				
	a.For telephone system with				
	i. 2 Pair 0.6mm dia copper conductor (ATC) unarmoured cable.	20	mt.		
	ii .10 pair 0.6mm dia copper conductor (ATC) unarmoured cable.	10	mt.		
B2	Providing and installing in position the following outlets in recessed G.I boxes				
	Telephone outlet box along with RJ 11 socket.	2	no.		
C	DATA CABLING WORK				
C1	Supply, Laying, Testing & Commissioning of enhanced CAT 6 LAN cable (AT & T/D Link/ Siemens sheilded make) in PVC conduit & termination.	400	R.Mt.		
C2	S/I/T/C of RJ 45 Connector with computer socket outlets of AMP/D-LINK make.	10	No.		
C3	amp/ d-link CAT-6 patch chord"2meter"	10	No.		
C4	amp/ d-link CAT-6 patch chord"1 meter"	10	No.		
C5	p & f , installation and testing of new 9U networking rack	1	No.		
C6	p & f , installation and testing of 24 port switch.	1	No.		
D	Circuit and sub main wiring				
	Supply and laying of the following size of PVC insulated copper conductor wires of 650/1100 V grade in PVC conduits, complete as required.				
D1	2x 6 sq. mm + 1x2.5 sq. mm PVC insulated copper conductor wire.	60	mt.		
D2	2 x 4 sq. mm + 1x2.5 sq. mm PVC insulated copper conductor wire.	50	mt.		
D3	2x 10 sqmm. 1x 2.5 sqmm. PVC insulated form UPS to UPS DB	30	mt.		

E	Power Cables				
	Supplying, laying, effecting proper connections, testing and commissioning of following sizes of 1.1 KV PVC insulated Aluminum /Copper conductor armoured/ unarmoured cables laid on over head cable tray or laid over MS supports in masonry trenches including providing the MS supports and clamps for fixing to supports in an approved manner as required.				
	3.5C x 35 sq. mm AL. Ar. Cable	20	mt.		
F	UPS D.B.:- supply , erection & commissioning of 12 way TPN HCB DB WITH 63 amp TPN MCB -2 NO. ,10/32 amp SPN -8no.comprising of recessed sheet steel one loose with double door with loose wires box with 100 a hnned of bus bars with nutral , earth strips , interconnection with following neuntings as required .	2	no.		
10	DISTRIBUTION BOARDS :-				
	P & F sheet metal distribution boards of approved make double door type and making necessary connections etc complete with all MCBs of C series 10 KA. (LEGRAND/ SCHNEIDER/ SIEMENS/C&S/HPL)				
	All MCB`S must be `C` series, 10 KA				
a	T P N 4 WAY DB :- (For Lighting)				
	Having Incomer : 40 Amp. 4-P MCB				
	OUT GOING : 10 Amp. SP MCB - 12 NOS	Nos.	1.00		
b	T P N 4 WAY DB :- (For Power/ AC)				
	Having Incomer : 63 Amp. 4-P MCB				
	OUT GOING : 16 Amp. SP MCB - 12 NOS	Nos.	1.00		
c	T P N 4 WAY DB :- (For A.C.)				
	INCOMER: 100 Amp. 4 P, Heavy Duty MCB				
	OUT GOING : 32 Amp. SP MCB - 12 NOS	Nos.	1.00		
G	EARTHING:- Earthing with copper plate electrode 600x600x3mm including accessories and providing masonary enclosure with MS cover plate having locking arrangemnt, watering pipe and excavation in soil 3MTRS minimum, including salt and charcoal as required including p & f 8 Nos SWG copper wire in recess or surface for earthing as per design and detail complete.	2	no.		
H	Supplying, laying and terminating earth connection with 8 SWG Copper wire	40	r.mt.		
I	LIGHT FIXTURES & FANS: P & F light and accessories as per the following . Details and making connections , testing and installation . Complete in all respects				
11	Philips RC 380B LED Full glow 24" X 24" (6500K)/Halonix/Pana	16	each		
12	Philips Green LEDi 15 Watt DN 194 B (6500K)/Halonix/Panasonic/Wipro	10	Each		
13	Philips LED Tube lights 18 W/ 22 W (6500K) /Halonix/Panasonic/Wipro	11	Each		

14	BLDC Wall fan - High flow of capacitor start, three speed wall mounting/cabin fan of following sweep with the help of anchor bolts including making connection testing etc. as required. Each wall fan should be connected through independent switch and socket of 6Amp.(Crompton/Almonard/Havells) USED METAL BODY WALL FAN	8	Each		
15	P&F of BLDC ceiling Fan Metal body 4800 mm Sweep (Crompton/Almonard/Havells)	3	Each		
16	Exhaust fan 300 mm - Crompton/ Almonard of Heavy duty capacitor start 1400 RPM single phase ISI marked Exhaust fan, IS:2312 marked including making opening if required, making connections testing etc. as required.(Crompton/Almonard/ Usha/ Havells)	3	Each		
J	Supply & fixing of M. S. electrical panel, If required for the branch's additional electrical load. As per the branch 's Electrical load distribution and circuits. Complete work in all respects.All items to be Havells make.				
	Details:-				
	Electrical Panel Box	1	Each		
	MCCB 100A-3 POLE	1	Each		
	MCCB TPN 32 A for light power and ups	3	Each		
	MCB TPN 4 pole 63 A	3	Each		
	MCB DP 63A	2	Each		
	MCB SP (6-32 A)	10	Each		
	change over switch TPN 415 V , rating 100 A category -ii	1	Each		
	Volt Meter	1	Each		
	Amp. Meter	1	Each		
	C. T.	3	Each		
	Indicator	3	Each		
	Busbar Set	4	Each		
	VSS	1	Each		
	ASS	1	Each		
	Labour and Assembling charges	1	Each		
K	INVERTOR INPUT OUTPUT D.B.- supply , erection & commissioning of 4 way SPN HCB DB WITH 63 amp SPN MCB - 2 NO. ,10/32 amp SPN -8no.comprising of recessed sheet steel one loose with double door with loose wires box with 100 a hnned of bus bars with nuteral ,earth strips , interconnection with following neuntings as required .	1	NO.		
L	UPS Wiring: P/F UPS point in pvc conduit 2 mm thicks & duly wired with 2x2.5 sqmm insulated copper wire along with 1x1.5 sqmm pvcinsulated wire for earthing including bends, nipples, junctions, M.S switch boxes each to have 3 Nos 6 A 5 pin modular socket, 1x 6 A indicator controlled by 1x6A switch 'compl fine finish incl. making necessary connections & start of equipment as per details & drawings				
	u.p.s. point directly connected to u.p.s. D.B.	12.00	Each		
		TOTAL			

Seal & Sign of Tenderer: